

## Claims:

1. A method of suppressing tumor cell proliferation in a mammal comprising administering an IL-17, an IL-17 antagonist and/or IL-17 receptor antagonist in an amount  
5 effective to suppress proliferation of tumor cells.
2. The method of claim 1 wherein the mammal is human.
3. The method of claim 1 wherein the IL-17 antagonist is a monoclonal antibody that  
10 binds IL-17.
4. The method of claim 1 wherein the IL-17 receptor antagonist is a monoclonal antibody that binds an IL-17 receptor.
- 15 5. A pharmaceutical composition for suppressing tumor growth comprising an IL-17 antagonist and a pharmaceutically acceptable carrier.
6. The composition of claim 5 wherein the IL-17 antagonist is a monoclonal antibody that binds IL-17.  
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7. A pharmaceutical composition for suppressing tumor growth comprising an IL-17 receptor antagonist and a pharmaceutically acceptable carrier.
8. The composition of claim 7 wherein the IL-17 receptor antagonist is a monoclonal  
25 antibody that binds an IL-17 receptor.
9. A pharmaceutical composition for suppressing tumor growth comprising IL-17 and a pharmaceutically acceptable carrier.